

Abstract

A solid-state-laser pumping module includes a plate-shaped solid state laser medium 2, a reflecting member 3 disposed on a surface of the solid state laser medium 2 which 5 is opposite to a laser light incidence surface of the solid state laser medium, for reflecting laser light 6 which is incident upon the solid state laser medium via the light incidence surface and which propagates through the solid state laser medium 2, and a heat sink 5 for removing heat which is transferred 10 thereto, via the reflecting member 3, from the solid state laser medium 2, the laser light incidence surface of the solid state laser medium 2 having a size of a in a direction perpendicular to a plane defined by both the optical axis of the laser light 6 and the normal 7 to the laser light incidence surface of the 15 solid state laser medium 2, and a size of b in a longitudinal direction perpendicular to the above-mentioned direction and the normal 7, the sizes having a relationship given by $b=a/\cos\theta$, where θ is an incidence angle at which the laser light 6 is incident upon the laser light incidence surface.